Fungicidal mixtures based on triazoles

Abstract

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A fungicidal mixture, comprising

(1) 2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)-2hydroxypropyl]-2,4-dihydro-[1,2,4]-triazole-3-thione (prothioconazole) of the formula I or its salts or adducts 10

$$C1 \longrightarrow CH_2 \longrightarrow C1 \longrightarrow C1$$

$$CH_2 \longrightarrow CH_2 \longrightarrow C1$$

$$CH_2 \longrightarrow CH_2 \longrightarrow C1$$

$$CH_2 \longrightarrow C$$

$$CH_2$$

20

and at least one insecticide selected from the group consisting of

(2) fipronil of the formula II

25

$$F_{3}C \xrightarrow{C1} N \xrightarrow{N} CN CN$$

$$C1 \qquad NH_{2} \qquad CF_{3}$$

30

or

35 (3) chlorpyrifos of the formula III

C1 
$$OP(OCH_2CH_3)_2$$
 (III)

or

45

(4) thiamethoxam of the formula IV

$$C1$$
 $S$ 
 $N$ 
 $CH_3$ 
 $O$ 
 $CH_3$ 
 $O$ 
 $O$ 

in a synergistically effective amount

10 is described.